

Title (en)

Process for the production of vermicular graphite cast iron

Title (de)

Verfahren zum Herstellen von Vermikulargraphitguss

Title (fr)

Procédé de la fabrication d'une fonte à graphite vermiculaire

Publication

EP 1752552 B1 20070328 (DE)

Application

EP 05017145 A 20050805

Priority

EP 05017145 A 20050805

Abstract (en)

[origin: EP1752552A1] Preparation of vermicular graphite casting in which molten iron melt (S) is held in a treatment vessel (3) under an inert atmosphere (A), e.g. nitrogen, of sulphur (S) content below 0.05 wt.% with addition of magnesium (Mg) treatment alloy (B) containing Mg and another metal with elimination of silicon (Si) to an Mg content of the iron melt of 0.0005-0.018 wt.%. The Mg treatment alloy can be NiMg (nickel-magnesium) or CuMg (copper-magnesium) alloy.

IPC 8 full level

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CPC (source: EP)

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Cited by

US8327909B2; DE102007031448A1; US2010155010A1; WO2009004090A1

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